SUBJECT INDEX

$[n, k, d]$ cyclic code
  Cyclic codes of length 2^m 371
2 categories
  Algebraic stacks 1
4×4 matrices
  Unitary tridiagonalization in $M(4, \mathbb{C})$ 381

Abel's theorem
  On a Tauberian theorem of Hardy and Littlewood 221
Absolute Euler summability
  Multipliers for the absolute Euler summability of Fourier series 203
Absolute summability
  Multipliers for the absolute Euler summability of Fourier series 203
Absolutely continuous spectrum
  Spectra of Anderson type models with decaying randomness 179
Ahlfors-Bers variational formulae
  Variational formulae for Fuchsian groups over families of algebraic curves 33
Algebraic curve
  Unitary tridiagonalization in $M(4, \mathbb{C})$ 381
Algebraic stacks
  Algebraic stacks 1
Anderson model
  Spectra of Anderson type models with decaying randomness 179
Arzela–Ascoli theorem
  Periodic and boundary value problems for second order differential equations 107
Asymptotic behaviour
  On oscillation and asymptotic behaviour of solutions of forced first order neutral differential equations 337

Banach lattice
  On property (β) in Banach lattices, Calderón–Lozanowskiĭ and Orlicz–Lorentz spaces 319
Binary forms
  On totally reducible binary forms: I 249
Boundary controllability
  Boundary controllability of integro-differential systems in Banach spaces 127

C^*-enveloping algebra
  Topological *-algebras with C^*-enveloping algebras II 65

Calderón–Lozanowskiĭ space
  On property (β) in Banach lattices, Calderón–Lozanowskiĭ and Orlicz–Lorentz spaces 319
Caratheodory function
  Periodic and boundary value problems for second order differential equations 107
Character
  Obstructions to Clifford system extensions of algebras 151
Clifford system
  Obstructions to Clifford system extensions of algebras 151
Coercive operator
  Nonlinear elliptic differential equations with multivalued nonlinearities 489
Cohomology groups
  Obstructions to Clifford system extensions of algebras 151
Compact embedding
  Periodic and boundary value problems for second order differential equations 107
Contraction mapping theorem
  Monotone iterative technique for impulsive delay differential equations 351
Convolution
  On a generalized Hankel type convolution of generalized functions 471
Critical point
  Nonlinear elliptic differential equations with multivalued nonlinearities 489
C-totally real submanifold
  On Ricci curvature of C-totally real submanifolds in Sasakian space forms 399
Cuspidal curve
  The multiplication map for global sections of line bundles and rank 1 torsion free sheaves on curves 163
Cyclotomic cosets
  Cyclic codes of length 2^m 371

Decaying randomness
  Spectra of Anderson type models with decaying randomness 179
Degree
  Unitary tridiagonalization in $M(4, \mathbb{C})$ 381
Dilation matrix
  Multiwavelet packets and frame packets of $L^2(R^d)$ 439
Divergent series
  On a Tauberian theorem of Hardy and Littlewood 221

Dunford–Pettis theorem
Periodic and boundary value problems for second order differential equations 107

Eigenvalue problem
Nonlinear elliptic differential equations with multivalued nonlinearities 489
Embeddable measures
Limits of commutative triangular systems on locally compact groups 49
Equisummability
On the equisummability of Hermite and Fourier expansions 95
Euler–Bernoulli beam equation
On initial conditions for a boundary stabilized hybrid Euler–Bernoulli beam 365
Exponential energy decay
On initial conditions for a boundary stabilized hybrid Euler–Bernoulli beam 365
Extremal solution
Periodic and boundary value problems for second order differential equations 107
Monotone iterative technique for impulsive delay differential equations 351
Nonlinear elliptic differential equations with multivalued nonlinearities 489

Fixed point theorem
Boundary controllability of integrodifferential systems in Banach spaces 127
Fixed points
Common fixed points for weakly compatible maps 241
Frame packets
Multiwavelet packets and frame packets of $L^2(R^d)$ 439
Frechet *-algebra
Topological *-algebras with C^*-enveloping algebras II 65
Fuchsian groups
Variational formulae for Fuchsian groups over families of algebraic curves 33

Galois group
Descent principle in modular Galois theory 139
Generalized functions (distributions)
On a generalized Hankel type convolution of generalized functions 471
Generalized Hankel type transformation
On a generalized Hankel type convolution of generalized functions 471
Generator polynomial
Cyclic codes of length 2^m 371
Groupoid C^*-algebra
Topological *-algebras with C^*-enveloping algebras II 65

Hardy–Littlewood Tauberian theorem
On a Tauberian theorem of Hardy and Littlewood 221
Hardy's theorem
Uncertainty principles on two step nilpotent Lie groups 293
Hecke lines
Stability of Picard bundle over moduli space of stable vector bundles of rank two over a curve 263
Heisenberg's inequality
Uncertainty principles on two step nilpotent Lie groups 293
Hermite functions
On the equisummability of Hermite and Fourier expansions 95
Homogeneous operators
Homogeneous operators and projective representations of the Möbius group: A survey 415
Hybrid system
On initial conditions for a boundary stabilized hybrid Euler–Bernoulli beam 365

Idempotent generator
Cyclic codes of length 2^m 371
Impulsive delay differential equations
Monotone iterative technique for impulsive delay differential equations 351
Infinitesimally divisible measures
Limits of commutative triangular systems on locally compact groups 49
Initial conditions
On initial conditions for a boundary stabilized hybrid Euler–Bernoulli beam 365
Integrodifferential system
Boundary controllability of integrodifferential systems in Banach spaces 127
Iteration
Descent principle in modular Galois theory 139

Line bundle
The multiplication map for global sections of line bundles and rank 1 torsion free sheaves on curves 163
Unitary tridiagonalization in $M(4, \mathbb{C})$ 381
Loop groups
Principal G-bundles on nodal curves 271
Lower solution
Periodic and boundary value problems for second order differential equations 107
Nonlinear elliptic differential equations with multivalued nonlinearities 489

Mobility edge
Spectra of Anderson type models with decaying randomness 179

Moduli spaces
Algebraic stacks 1
Multipliers
Multipliers for the absolute Euler summability of Fourier series 203

Neutral equations
On oscillation and asymptotic behaviour of solutions of forced first order neutral differential equations 337
Nodal curve
The multiplication map for global sections of line bundles and rank 1 torsion free sheaves on curves 163
Nonoscillation
On oscillation and asymptotic behaviour of solutions of forced first order neutral differential equations 337
Nonsmooth Palais–Smale condition
Nonlinear elliptic differential equations with multivalued nonlinearities 489

O^*-algebra
Topological *-algebras with C^*-enveloping algebras II 65
Obstructions
Obstructions to Clifford system extensions of algebras 151
Order interval
Periodic and boundary value problems for second order differential equations 107
Nonlinear elliptic differential equations with multivalued nonlinearities 489
Orlicz–Lorentz space
On property (β) in Banach lattices, Calderón–Lozanowskii and Orlicz–Lorentz spaces 319
Oscillation
On oscillation and asymptotic behaviour of solutions of forced first order neutral differential equations 337

Parabolic bundles
Principal G-bundles on nodal curves 271
Parserval relation
On a generalized Hankel type convolution of generalized functions 471
P-convexity
A variational principle for vector equilibrium problems 465
Pedersen ideal of a C^*-algebra
Topological *-algebras with C^*-enveloping algebras II 65
Penalty function
Periodic and boundary value problems for second order differential equations 107
Periodic points
Boundedness results for periodic points on algebraic varieties 173
Periodic problem
Periodic and boundary value problems for second order differential equations 107
Picard bundle
Stability of Picard bundle over moduli space of stable vector bundles of rank two over a curve 263
P–ψ-monotonicity
A variational principle for vector equilibrium problems 465
Prescribed Gaussian curvature
A variational proof for the existence of a conformal metric with preassigned negative Gaussian curvature for compact Riemann surfaces of genus > 1 407
Principal bundles
Principal G-bundles on nodal curves 271
Projective representations
Homogeneous operators and projective representations of the Möbius group: A survey 415
Property (β)
On property (β) in Banach lattices, Calderón–Lozanowskii and Orlicz–Lorentz spaces 319
Proximinality and strong proximinality
Proximinal subspaces of finite codimension in direct sum spaces 229
Pseudomonotone operator
Nonlinear elliptic differential equations with multivalued nonlinearities 489

Rank 1 torsion free sheaf
The multiplication map for global sections of line bundles and rank 1 torsion free sheaves on curves 163
Real algebraic groups
Limits of commutative triangular systems on locally compact groups 49
Reproducing kernels
Homogeneous operators and projective representations of the Möbius group: A survey 415
Ricci curvature
On Ricci curvature of C-totally real submanifolds in Sasakian space forms 399
Riemann surfaces
Variational formulae for Fuchsian groups over families of algebraic curves 33
A variational proof for the existence of a conformal metric with preassigned negative Gaussian curvature for compact Riemann surfaces of genus > 1 407

Sasakian space form
On Ricci curvature of C-totally real submanifolds in Sasakian space forms 399
Semigroup theory
Boundary controllability of integro-differential systems in Banach spaces 127
Singular projective curve
The multiplication map for global sections of line bundles and rank 1 torsion free sheaves on curves 163
Small deflection
On initial conditions for a boundary stabilized hybrid Euler–Bernoulli beam 365
Smooth Frechet algebra crossed product
Topological *-algebras with C^*-enveloping algebras II 65
Sobolev space
Periodic and boundary value problems for second order differential equations 107
Special divisor
The multiplication map for global sections of line bundles and rank 1 torsion free sheaves on curves 163
Special Hermite expansions
On the equisummability of Hermite and Fourier expansions 95
Sturm–Liouville boundary conditions
Periodic and boundary value problems for second order differential equations 107
Summability of factored Fourier series
Multipliers for the absolute Euler summability of Fourier series 203
Sz-Nagy–Foias characteristic functions
Homogeneous operators and projective representations of the Möbius group: A survey 415

Tauberian theorem
On a Tauberian theorem of Hardy and Littlewood 221
Topological *-algebra
Topological *-algebras with C^*-enveloping algebras II 65
Totally disconnected groups
Limits of commutative triangular systems on locally compact groups 49
Transitivity
Descent principle in modular Galois theory 139
Triangular systems of measures
Limits of commutative triangular systems on locally compact groups 49
Truncation function
Nonlinear elliptic differential equations with multivalued nonlinearities 489
Truncation map
Periodic and boundary value problems for second order differential equations 107
Two step nilpotent Lie groups
Uncertainty principles on two step nilpotent Lie groups 293

Unbounded operator representation
Topological *-algebras with C^*-enveloping algebras II 65
Uncertainty principles
Uncertainty principles on two step nilpotent Lie groups 293
Uniformization theorem
A variational proof for the existence of a conformal metric with preassigned negative Gaussian curvature for compact Riemann surfaces of genus > 1 407
Unitary tridiagonalization
Unitary tridiagonalization in $M(4, \mathbb{C})$ 381
Universal algebra on generators with relations
Topological *-algebras with C^*-enveloping algebras II 65
Upper solution
Periodic and boundary value problems for second order differential equations 107
Nonlinear elliptic differential equations with multivalued nonlinearities 489

Variational principle
A variational principle for vector equilibrium problems 465
Vector bundles
Algebraic stacks 1
Vector equilibrium problem
A variational principle for vector equilibrium problems 465

Wavelet
Multiwavelet packets and frame packets of $L^2(R^d)$ 439
Wavelet packets
Multiwavelet packets and frame packets of $L^2(R^d)$ 439
Weakly compatible maps
Common fixed points for weakly compatible maps 241

Yosida approximation
Nonlinear elliptic differential equations with multivalued nonlinearities 489

AUTHOR INDEX

Abhyankar Shreeram S
Descent principle in modular Galois theory 139
Anandhi E R
see Balachandran K 127

Bagchi Bhaskar
A survey of homogeneous operators and projective representations of the Möbius group 415
Balachandran K
Boundary controllability of integrodifferential systems in Banach spaces 127
Ballico E
The multiplication map for global sections of line bundles and rank 1 torsion free sheaves on curves 163
Behera Biswaranjan
Multiwavelet packets and frame packets of $L^2(R^d)$ 439
Bhatt S J
Topological *-algebras with C^*-enveloping algebras II 65
Bhattacharyya Dakshini
Variational formulae for Fuchsian groups over families of algebraic curves 33
Bhosle Usha N
Principal G-bundles on nodal curves 271
Biswas Indranil
Stability of Picard bundle over moduli space of stable vector bundles of rank two over a curve 263
Bose Sujit K
On initial conditions for a boundary stabilized hybrid Euler–Bernoulli beam 365

Cegarra Antonio M
Obstructions to Clifford system extensions of algebras 151
Chandra Prem
Multipliers for the absolute Euler summability of Fourier series 203
Chugh Renu
Common fixed points for weakly compatible maps 241

Deswal Sunita
see Kumar Rajneesh 137
Dey Rukmini
A variational proof for the existence of a conformal metric with preassigned negative Gaussian curvature for compact Riemann surfaces of genus > 1 407

Fakhruddin Najmuddin
Boundedness results for periodic points on algebraic varieties 173
Fiacca Antonella
Nonlinear elliptic differential equations with multivalued nonlinearities 489
Fu Xilin
see Yan Baoqiang 351

Gaikawad G S
see Malgonde S P 471
Garzón Antonio R
see Cegarra Antonio M 151
Gómez Tomás L
Algebraic stacks 1
see Biswas Indranil 263

Hooley C
On totally reducible binary forms: I 249

Indumathi V
Proximinal subspaces of finite codimension in direct sum spaces 229

Kazmir K R
A variational principle for vector equilibrium problems 465
Keskar Pradipkumar H
see Abhyankar Shreeram S 139
Kolwicz Paweł
On property (β) in Banach lattices, Calderón–Lozanowskiĭ and Orlicz–Lorentz spaces 319
Krishna M
Spectra of Anderson type models with decaying randomness 179
Kumar Rajneesh
Steady-state response of a micropolar generalized thermoelastic half-space to the moving mechanical/thermal loads 137
Kumar Sanjay
see Chugh Renu 241

Malgonde S P
On a generalized Hankel type convolution of generalized functions 471
Matzakos Nikolaos
see Fiacca Antonella 489
Misra Gadadhar
see Bagchi Bhaskar 415

Narayanan E K
On the equisummability of Hermite and Fourier expansions 95

Papageorgiou Nikolaos S
Periodic and boundary value problems for second order differential equations 107
see Fiacca Antonella 489
Papalini Francesca
see Papageorgiou Nikolaos S 107
Parhi N
On oscillation and asymptotic behaviour of solutions of forced first order neutral differential equations 337
Pati T
On a Tauberian theorem of Hardy and Littlewood 221
Pati Vishwambhar
Unitary tridiagonalization in $M(4, \mathbb{C})$ 381
Pruthi Manju
Minimal cyclic codes of length 2^n 371

Rath R N
see Parhi N 337
Ray S K
Uncertainty principles on two step nilpotent Lie groups 293

Servadei Raffaella
see Fiacca Antonella 489
Shah Riddhi
Limits of commutative triangular systems on locally compact groups 49
Sinha K B
see Krishna M 179

Thangavelu S
see Narayanan E K 65

Ximin Liu
On Ricci curvature of C-totally real submanifolds in Sasakian space forms 399

Yan Baoqiang
Monotone iterative technique for impulsive delay differential equations 351

End of one hundred and eleventh volume